

PTO/SB/21 (modified)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

| 0001/PTO<br>Rev. 10/95  | U.S. Department of<br>Patent and Trade   |  | Application Number                  |                                | 10/660,984   |   |                               |
|---|--|--|-------------------------------------|--------------------------------|--|---|-------------------------------|
|   |  |  |                                     |                                |  | Septembe  | r 12, 2003                    |
| TRANSMI   | First Named Inventor   |  | Steven W. Meeks                     |                                |  |   |                               |
|   | (to be used for all correspondence during pendency of filed application)   |  |                                     |                                | it Number  | 2877  |                               |
|   |  | ·  | Exami                               | iner Na                        | me   | Tu Nguyen   |                               |
| Total Number of Pages in  | This Submission  | 5  | Attorno                             | ey Doc                         | ket Number   | 20830-082   | 88                            |
|   | ENCL   | OSURES   | (che                                | ck all                         | that apply   | /) ·  |                               |
| Request for Correct Request for Correct Amendment/Responsible After Fina Status Request Revocation and Sul                            | m (in duplicate) nclosed tcard to File Missing Par ordation Cover Shee eet ure Statement & PT IDS Cited Reference ed Filing Receipt ion of Recorded Asses: [ ] Page(s) | ts<br>of<br>O/SB/08A<br>ces<br>signment                |                                     | Issu Lett For App Inte App (AA | ue Fee Transi<br>der to Chief Di<br>mal Drawing(<br>[ ] Sheet(s<br>deal Commun<br>derferences<br>deal Commun<br>depeal Notice,<br>tified Copy of | mittal<br>raftsperson<br>s):<br>s) of Figure(s) [ | d of Appeals and o ef) ent(s) |
| REMARKS:  |  |  |                                     |                                |  |   |                               |
|   | /) ÁIGNÁ   | URE/OF   | ATTO                                | RNEY                           | OR AGE   | NT  |                               |
| Signature:  | III /  | V  |                                     |                                | >  | <del></del>                                       |                               |
| Attorney/Reg. No.: Jo   | hn T. McNelis/Reg  | . No. 37,186   |                                     |                                |  | Dated:  | August 1 7 , 2004             |
|   |  | CERTIFIC   |                                     | EMA                            | ILING  |   |                               |
| I hereby certify that this corre<br>first class mail in an envelope<br>If the Express Mail Mailing No<br>"Express Mail Post Office to | spondence, including t<br>e addressed to: Commi<br>umber is filled/in]be@www.  | he enclosures<br>issioner for Pat<br>, then this corre | identified<br>ents, P.C<br>esponden | above,<br>D. Box 14            | is being deposit<br>150, Alexandria  | , VA 22313-1450                                   | on the date shown below.      |
| Signature:  | John.  | 11/  |                                     |                                |  |   |                               |
| Typed or Printed Name:  | John T. McNel  | is   |                                     |                                |  | Dated:  | August 70 , 2004              |
| Express Mail Mailing Nur  | nber (optional):   |  |                                     |                                |  |   |                               |

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PPI ICANT

Steven W. Meeks and Rusmin Kudinar

**APPLICATION NO.:** 

10/660,984

FILING DATE:

September 12, 2003

TITLE:

System and Method For Simultaneously Measuring Thin Film

Layer Thickness, Reflectivity, Roughness, Surface Profile &

Magnetic Pattern On Thin Film Magnetic Disks & Silicon Wafers

**EXAMINER:** 

T. Nguyen

GROUP ART UNIT:

2877

ATTY. DKT. NO.:

20830-08288

## **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States-Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450 Alexandria VA 22313-1450, on the date shown below:

Dated: August  $\mathcal{D}$ , 2004

By:

John T. McNelis, Reg. No. 37,186

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## INFORMATION DISCLOSURE STATEMENT Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

| within three months of the filing date of the application, or date of entry     |
|---|
| into the national stage of an international application, or before the mailing  |
| date of a first office action on the merits, whichever event last occurred;     |
| before the mailing of a first official action after the filing of a request for |
| continued examination (RCE) under 37 CFR § 1.114;                               |

|   | aneri       | mee mo      | onthis of the filing date of this hational application of the date |
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|   | of ent      | ry of the   | e national stage in an international application, or after the     |
|   | mailir      | ng date     | of the first official action on the merits, whichever event last   |
|   | occuri      | red, but    | before the mailing date of the first to occur of either: (1) a     |
|   | final a     | ction u     | nder 37 CFR §1.113; or (2) an action that otherwise closes         |
|   | prosec      | cution in   | n the application, and:  |
|   |             | attac       | hed hereto is the fee set forth under 37 CFR §1.17(p) for          |
| , |             | subm        | nission of this Information Disclosure Statement under 37          |
|   |             | CFR         | § 1.97(c); OR  |
|   | $\boxtimes$ | Àppl        | icant certifies pursuant to 37 CFR § 1.97(e) that:                 |
|   |             |             | each item of information contained in this Information             |
|   |             |             | Disclosure Statement was first cited in a communication            |
|   |             |             | from a foreign patent office in a counterpart foreign              |
|   |             |             | application not more than three months prior to the filing of      |
|   |             |             | this Statement; OR   |
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|   |             | •           | Disclosure Statement was cited in a communication from a           |
|   |             |             | foreign patent office in a counterpart foreign application         |
|   |             |             | and, to the knowledge of the person signing this                   |
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|   |             |             | information contained in this Statement was known to any           |
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|   | on or       | before      | the payment of the issue fee but after the mailing date of the     |
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| • | notic       | e of allo   | owance under 37 CFR § 1.311; or (3) an action that otherwise       |
|   | close       | s prosec    | cution in the application, and:                                    |
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|   |             |             | Disclosure Statement was cited in a communication from a           |
|   |             |             | foreign patent office in a counterpart foreign application not     |
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| •      |             |          |           | certification after making reasonable inquiry, no item of               |
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| •      |             |          |           | information contained in this Statement was known to any                |
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|        |             |          |           | CFR.§ 1.97(c); OR   |
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|        |             |          |           | ned in this Information Disclosure Statement be placed in the file      |
|        |             |          |           | ling to 37 CFR § 1.97(i), although the information may not be           |
|        |             | •        |           | lered by the USPTO.   |
|        | П           | Thian    |           | on relies, under 35 U.S.C. § 120, on the earlier filing date of prior   |
|        |             |          |           | •   |
|        |             |          |           | o. APPLICATION NO., filed on DATE FILED, and the references             |
|        |             |          |           | are hereby referenced, but are not required to be provided in this      |
|        |             | • •      |           | nder 37 CFR § 1.98(d).  |
|        |             | Each i   | tem of i  | information contained in this Information Disclosure Statement was      |
|        |             | cited i  | n a com   | munication from a foreign patent office in a counterpart application,   |
|        | •           | and th   | e comm    | nunication was not received by any individual designated in 37 CFR      |
|        |             | § 1.56   | (c) more  | e than thirty days prior to the filing of this Information Disclosure   |
|        |             | Staten   | nent. 37  | 7 CFR § 1.704(d).   |
|        | $\boxtimes$ | Applic   | cant sub  | omits that no fee is required for the consideration of this Information |
|        |             | Disclo   | sure Sta  | atement.  |
| `      | Consid      | deration | of the    | listed references and favorable action are solicited.                   |
|        |             |          |           |   |
|        |             |          |           | Respectfully submitted,   |
|        |             |          |           | STEVEN W. MEEKS & RUSMIN KUDINAR  |
|        |             | _        |           |   |
| Dated: | Aug         | ust 19   | , 2004    | By: John of   |
| 24.04. | 116         |          | , = • • · | John McNelis, Reg. No.: 37,186  |
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PTO/SB/08A (10-01)

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|        | Substitute for f | orm 1449 | A/PTO    | Complete if Known      |                    |  |  |
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| INIEOE | DAMATION         | ו חופי   | CLOSURE  | Application No.        | 10/660,984         |  |  |
|        |                  |          | PPLICANT | Filing Date            | September 12, 2003 |  |  |
| SIAI   |                  | ot Ai    | PLICANI  | First Named Inventor   | Steven W. Meeks    |  |  |
|        |                  |          |          | Art Unit               | 2877               |  |  |
|        |                  |          |          | Examiner Name          | Tu Nguyen          |  |  |
| Sheet  | 1                | of       | 1        | Attorney Docket Number | 20830-08288        |  |  |

|                       | U.S. PATENT DOCUMENTS |  |                 |   |  |  |  |  |
|-----------------------|-----------------------|--|-----------------|---|--|--|--|--|
|                       | Document No.          |  |                 |   |  |  |  |  |
| Examiner<br>Initials* | Cite<br>No.1          | Number – Kind Code <sup>2</sup> (if known) | Date<br>MM-YYYY | Name of Patentee or Applicant of Cited Document |  |  |  |  |
|                       | A1                    | US-6,639,662                               | 10-2003         | Vaez-Iravani et al.                             |  |  |  |  |
|                       | A2                    | US-6,034,378                               | 03-2000         | Shiraishi                                       |  |  |  |  |
|                       | A3                    | US-5,715,058                               | 02-1998         | Bohnert et al.                                  |  |  |  |  |
|                       | A4                    | US-5,586,101                               | 12-1996         | Gage et al.                                     |  |  |  |  |
|                       |                       |  |                 |   |  |  |  |  |
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|                       |                       |  |                 |   |  |  |  |  |
|                       |                       |  |                 |   |  |  |  |  |

|                       | FOREIGN PATENT DOCUMENTS |   |                                |   |                |  |  |
|-----------------------|--------------------------|---|--------------------------------|---|----------------|--|--|
|                       |                          | Foreign Patent Document   |                                |   |                |  |  |
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Country Code <sup>3</sup> –<br>Number <sup>4</sup><br>Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | T <sup>8</sup> |  |  |
|                       |                          |   |                                |   |                |  |  |
|                       |                          |   | •                              |   |                |  |  |

| OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS |                          |  |                |  |  |  |
|--|--------------------------|--|----------------|--|--|--|
| Examiner<br>Initials*                              | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T <sup>®</sup> |  |  |  |
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|-------------|------------|------|
| Examiner    | Date       |      |
| Signature   | Considered |      |
|             |            |      |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next-communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>8</sup>Applicant is to place a check mark here if English language Translation is attached.